

Certificate of Analysis

Date of Testing: 2025-02-24 17:00:14

Date of Next Testing: 2029-02-23 17:00:14

Product Name: **Aspartame**

CAS Number: 22839-47-0

Specifications & Purity: $\geq 98\%$

Lot #: B2521103

SKU #: **A113247**

Version: **2**

Analysis #: **454557**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.2 (%)	0.04 %
Sulfate Ash	0-0.2 (%)	0.11 %
light transmittance	95-100 (%)	95.70 %
Specific Rotation $[\alpha]_{20/D}(c=4 \text{ in } 15\text{mol/L Formic acid})$	12-17 (°)	14.87 °
Other related content	0-2 (%)	0.33 %
(As)Arsenic	0-3 (ppm)	0.03 ppm
PH	4.5-6	5.26
5-3.6-2 DE base-oxygen-2-la2 acetic acid	0-1.5 (%)	0.08 %
Heavy metal (as Pb)	0-10 (ppm)	0.02 ppm
Loss on drying	0-4.5 (%)	0.55 %
Purity(HPLC)	98-100 (%)	99.23900 %
Appearance (A113247)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager